

| | | | |
|---|------------------------|----------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 10524551 |
| | Filing Date | | 2005-09-28 |
| | First Named Inventor | Axel Wismuller | |
| | Art Unit | 2128 | |
| | Examiner Name | Sauf A. Alhija | |
| | Attorney Docket Number | 7-4221 | |

| U.S.PATENTS | | | | | | | Remove |
|-------------------|---------|---------------|------------------------|------------|---|--|--------|
| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear | |
| | 1 | | | | | | |

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

| U.S.PATENT APPLICATION PUBLICATIONS | | | | | | | Remove |
|-------------------------------------|---------|--------------------|------------------------|------------------|---|--|--------|
| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear | |
| | 1 | | | | | | |

If you wish to add additional U.S. Published Application citation information please click the Add button.

Add

| FOREIGN PATENT DOCUMENTS | | | | | | | | Remove |
|--------------------------|---------|--------------------------------------|-----------------------------|------------------------|------------------|---|--|--------------------------|
| Examiner Initial* | Cite No | Foreign Document Number ³ | Country Code ² i | Kind Code ⁴ | Publication Date | Name of Patentee or Applicant of cited Document | Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear | T ⁵ |
| SA | 1 | 0116880 | WO | A2 | 2001-03-08 | Marc Van Hulle | | <input type="checkbox"/> |
| SA | 2 | 0393571 | EP | A1 | 1990-10-24 | Luigi Stringa | | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button

Add

| NON-PATENT LITERATURE DOCUMENTS | | | | | | | | Remove |
|---------------------------------|--|--|--|--|--|--|--|--------|
|---------------------------------|--|--|--|--|--|--|--|--------|

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|----------------|
| Application Number | 10524551 |
| Filing Date | 2005-09-28 |
| First Named Inventor | Axel Wismuller |
| Art Unit | 2128 |
| Examiner Name | Sauf A. Alhija |
| Attorney Docket Number | 7-4221 |

| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T ⁵ |
|--------------------|---------|---|--------------------------|
| SA | 1 | Kunihiko Fukushima, "Neocognitron: A Self-organizing Neural Network Model for a Mechanism of Pattern Recognition Unaffected by Shift in Position", Biological Cybernetics 36. 193-202, Springer-Verlag, 1980 | <input type="checkbox"/> |
| SA | 2 | Jouko Lampinen et al., "Clustering Properties of Hierarchical Self-Organizing Maps", Journal of Mathematical Imaging and Vision, Vol. 2, pp 261-272, 1992. | <input type="checkbox"/> |
| SA | 3 | Naoyuki Tsuruta et al., "Hypercolumn Model: A Modified Model of Neocognitron Using Hierarchical Self-Organizing Maps", Lecture Notes in Computer Science Vol. 1066, Proceedings of the International Work-Conference on Artificial and Natural Neural Networks: Foundations and Tools for Neural Modeling, ISBN 3-540-66069-0, pp. 840-849, 1999. | <input type="checkbox"/> |

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

| | | | |
|--------------------|---------------|-----------------|------------|
| Examiner Signature | /Saif Alhija/ | Date Considered | 12/31/2008 |
|--------------------|---------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.A./